

ABSTRACT

Disclosed herein is a two-piece golf ball formed of a
5 solid core and a cover, the solid core being formed from a
rubber composition composed of a rubber base material of
polybutadiene synthesized by using a catalyst of rare earth
element, a small amount of organic peroxide, an unsaturated
carboxylic acid and/or a metal salt thereof, an organic
10 sulfur compound, and an inorganic filler, and the cover being
formed mainly from a thermoplastic polyurethane material.
The two-piece golf ball is by far superior to conventional
ones in flying performance, cover durability, coating
durability, and shot feeling.